

City and County of the City of Exeter.



ANNUAL REPORT

FOR 1904,

OF THE

Vital Statistics,

SANITARY WORK, &c,

BY

EDWARD A BRASH, L.R.C.P., LOND.,

Medical Officer of Health.

EXETER:

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1905.

CITY & COUNTY OF THE CITY OF EXETER.

SANITARY COMMITTEE.

Mayor :

MR. COUNCILLOR E. C. PERRY.

Chairman :

MR. COUNCILLOR P. KELLAND.

Deputy-Chairman :

MR. ALDERMAN H. GADD, J.P.

MR. ALDERMAN J. G. COMMINS.

MR. COUNCILLOR J. COURTNEY.

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„ COUNCILLOR H. CAMPION.

„ „ A. B. MERRICK.

„ „ R. M. CHALLICE.

„ „ C. T. K. ROBERTS.

„ „ C. COLE.

„ „ A. H. ROPER.

Town Clerk—GEO. R. SHORTO, ESQ.

STAFF OF THE PUBLIC HEALTH DEPARTMENT :

Medical Officer of Health and Medical Officer of Sanatorium—

E. A. BRASH, L.R.C.P., Lond., etc.

*Assistant Medical Officers of Health and Medical Officers
of Sanatorium—*

G. T. CLAPP, M.B., C. J. VLIELAND, M.D.

Matron of Isolation Hospital—

MISS MARION JONES.

*Chief Inspector of Nuisances, and Inspector under the
Food & Drugs Acts—*

WILLIAM J. WREFORD, Cert. San. Inst.

Inspectors :—

R. B. PEARSE. Cert. San. Inst., S. E. FULFORD.

*Clerk—*A. E. TROUNSON.

*House Disinfector—*W. RODBOURN. *Hospital Porter—*F. J. SMITH.

*Health Visitor—*MRS. J. MANLEY.



I have the honour to present to the
Right Worshipful the Mayor, Aldermen,
and Council of the City of Exeter, my
Annual Report for the Year 1904.

EDWARD A. BRASH.

February, 1905.



CONTENTS.

	PAGES.
Sanitary Committee and Staff of the Public Health Department ..	2
General Observations	5 to 9
Vital Statistics	9 to 17
Disease Incidents (Notifiable Diseases)	18 to 23
Disease Incidents (Non-Notifiable Diseases)	24 to 29
Summary of Infectious Diseases, and Action taken	29 to 31
List of Articles Disinfected	32
Sanatorium Report (by Medical Officers in Charge)	33 to 40
Sewage of Exeter	41 to 42
Water Supply of Exeter	42
Public Analyst's Report	43 to 50
Common Lodging Houses, Slaughter Houses, Bakehouses	51
Dairies, Milkshops, Sale of Food and Drugs Acts, Factory and Workshops Acts	51 to 59
Legal Proceedings	60
Meteorological Readings	61 to 62
Summary of Tables	63
TABLE I.—Vital Statistics of whole District during 1904 and Previous Years	64
TABLE II.—Vital Statistics of Separate Localities in 1904 and Previous Years	65 to 66
TABLE IIIA.—Cases of Infectious Diseases Notified during the Year..	67
TABLE IIIB.—Monthly Return of Cases notified to Medical Officer of Health	68
TABLE IV.—Causes of, and Ages at, Death during the Year ..	69
TABLE V.—Showing the Number of Deaths from all Causes ..	70
TABLE VI.—Showing the Ages of Deaths from all Causes ..	71
TABLE VII.—Being a Table of Deaths from all Causes, set out under their Different Diseases and Ages	72 to 76
SANITARY INSPECTOR'S REPORT	
Public Abattoir, Slaughter-houses, Drain Testing, New Buildings, Unsound Meat, Vegetables, &c. ; Bakehouses, Dairies, Cowsheds and Milkshops Order, Common Lodging Houses, Factory and Workshops Act	77 to 88
Housing of the Working Classes Act	
Reports of Sanitary Work completed in Year 1904 ..	
CHART I.—Showing Weekly Notifications of Scarlet Fever, Typhoid Fever, and Diphtheria	At the End
CHART 2.—Showing Weekly Mortality from the above Diseases ..	„
SPOT MAP of the City of Exeter, indicating the Numbers and Locality of each Death from the principal Zymotic Diseases ..	„



Annual Report.

GENERAL OBSERVATIONS.

In presenting this, my Second Annual Report dealing with the work carried out by the Health Department for the year 1904, I have for the purpose of comparison, carefully followed in the lines of previous Reports, and the requirements of the Local Government Board.

General
Observa-
tions.

The population of Exeter at the Census of 1901, was returned as 47,185, divided as follows:—Males, 21,401, Females, 25,784, showing an increase since the Census of 1891, of 1,419. The number of houses then were returned as 10,322, out of which 356 were void, and there were 47 houses in course of erection. Since that date 226 houses

have been erected, making a total of 10,548. Taking this number of houses and the estimated population of Exeter at 47,600, it gives about 4·5 persons per house, while in the Census of 1891 there were 5 persons per house.

The surface of Exeter varies from 25·9 feet above Ordnance Datum on the Quay, to 136·5 feet at the Guildhall, 225·9 at Elmside, and 433·5 on the top of Pennsylvania. The fall from the City towards the river is very rapid.

GEOLOGICAL FORMATION.

The greater part of the ancient City and its immediate surroundings is built upon the new red sandstone—that to the north is on the carboniferous shale, and a portion of St. Leonard's stands on gravel, and the eastern side on the clay. The annexed parts of S. Thomas' Parish is chiefly built on the old bed of the Exe, and the sub-soil is gravel.

The area of the City is 3,168 acres. The density of population for the City and County of the City is 15 per acre, and, reckoning the portion of the City built upon at 950 acres, we have a density of population of 50 per acre.

The following Table, taken from the Census Return for Devon, shows the population and number of houses in each Ward in the City, and also the number of Houses, &c., occupied as Tenements:—

TABLE

Showing Houses and Population of each Ward.

WARDS.	HOUSES.				POPULATION.		
	Inhabited.	Uninhabited. In occupation.	Uninhabited. Not in occupation.	Building.	1901.		
					Persons.	Males.	Females.
Belmont	765	9	39	7	3436	1519	1917
Cowick	700	7	25	—	3184	1524	1660
Exwick . . .	710	8	12	7	3370	1629	1741
Holy Trinity	651	13	19	—	3375	1594	1781
Rougemont	525	88	16	2	3072	1481	1591
St. David	685	30	30	2	3263	1431	1832
St. James	830	23	28	2	4003	1709	2294
St. John	589	76	24	5	3867	1874	1993
St. Leonard	624	10	33	4	3028	1176	1852
St. Matthew	714	10	16	2	3500	1643	1857
St. Paul	647	110	56	2	3408	1521	1887
St. Petrock	541	107	19	—	2899	1087	1812
St. Sidwell	866	27	21	—	3877	1819	2058
St. Thomas	592	9	18	14	2903	1394	1509

TABLE

Showing the number of Tenements of less than five rooms,
distinguishing those occupied by various numbers
of persons.

URBAN DISTRICT.	Rooms in Tenement.	Tenements of less than 5 rooms.	PERSONS PER TENEMENT.										
			1	2	3	4	5	6	7	8	9	10	11
Exeter, City of (C.B.)—													
Tenements of less than													
five rooms 3974													
Over five rooms . 6832	1	598	346	159	56	22	10	3	1	1			
	2	1062	289	366	191	97	69	30	12	8			
	3	1194	102	244	248	198	163	118	64	29	19	9	
Total 10806	4	1120	37	202	227	199	159	129	84	48	27	5	3

In estimating the population of Exeter, I have assumed that the increase has been in the same ratio as for the ten years from 1891 to 1901, which would give it a population of 47,600, and for the purpose of these statistics I have used this figure.

VITAL STATISTICS.

The total number of Births registered in Exeter in the year 1904, was 1,115, divided as follows:—586 males and 529 females, of this number 42 male and 19 female births were certified as illegitimate. This gives a Birth-rate of 23·4 per 1,000, being slightly above that of last year, and 4·5 below that of England and Wales. The Registrar-General in his summary for 1904, gives the Birth-rate for England and Wales 27·9 per 1,000 of the population.

The total number of Deaths registered in Exeter during the year was 828, giving a crude Death-rate of 17·4 per 1,000. From these deaths, however, we should deduct 55 of non-residents dying in Public Institutions in the district, and add the deaths of 27 persons who died in Public Institutions beyond the district.

The Public Institutions within the district are the Royal Devon and Exeter Hospital, the City and St. Thomas Workhouses, and Eye Infirmary.

The Public Institutions outside the district are the City Asylum, and the Sanatorium or Fever Hospital.

Taking these figures the nett number of deaths is 800, which gives a corrected Death-rate of 16·8 per 1000, this is higher than that of last year (1903), and is due to the increase in the deaths under one year (185 this year, as compared with 141 last year); but it should be remembered that the Death-rate last year was, with the exception of the year 1898, the lowest for the past eleven years. The diseases which contributed to this increase were as follows:—

1904 compared with 1903.

Enteritis	...	14	„	„	none
Whooping Cough		14	„	„	4
Convulsions	...	21	„	„	13
Bronchitis	...	24	„	„	12

AGES OF MORTALITY.

The following Table shows the number of deaths (distinguishing males and females) at different age periods:—

	Males	Females.	Totals
Under 1 year			
0—3 months	62	43	105
3—6 ,, 	11	17	28
6—12 ,, 	31	21	52
Totals under 1 year	104	81	185
Over 1 year and under 2 years .	24	14	38
,, 2 ,, 3 ,, ..	7	1	8
,, 3 ,, 4 ,, .	5	2	7
,, 4 ,, 5 ,, ..	2	3	5
Totals 1 to 5 years	38	20	58
Over 5 and under 10 years ..	5	12	17
,, 10 ,, 15 ,, ..	1	3	4
,, 15 ,, 25 ,, ..	20	21	41
,, 25 ,, 35 ,, ..	18	10	28
,, 35 ,, 45 ,, .	30	15	45
,, 45 ,, 55 ,, ..	28	38	66
,, 55 ,, 65 ,, .	62	37	99
,, 65 ,, 75 ,, ..	59	58	117
,, 75 ,, 85 ,, ..	55	81	136
,, 85 	10	29	39
Totals at ages over 5 years ..	288	304	592
Totals at all ages	430	405	835

Included in the above are deaths of residents of the City occurring at the Sanatorium.

The Death-rate for England and Wales is given for the year 1904 as 16·2 per 1,000, being ·8 above the rate in 1903.

The Death-rate for the 76 Great Towns was 17·2 per 1,000, and in the 142 Towns in which Exeter is classed it was 15·6 per 1,000.

The Death-rate for England and Wales less the 218 Towns, was 15·3 per 1,000.

The Death-rate for Exeter is slightly below the 76 Great Towns, but is 1·2 above the 142 Towns in which Exeter is included.

INFANTILE MORTALITY.

Deaths
under
1 year, 185.

185 deaths occurred to children under one year of age, they may be classified as follows:—

Debility	...	...	...	35
Bronchitis and Pneumonia			...	38
Diarrhœa	...	...	...	19
Premature Birth	...	...	...	18
Enteritis	...	...	...	14
Convulsions	...	...	...	21
Whooping Cough		...	...	14
Tubercular Disease	..		...	4
All other causes	...		...	22
				<hr/> 185

Giving a Death-rate of 166 per 1,000 births, this is above the average for the past ten years.

The Death-rate for Infants in the 76 Great Towns was 160 per 1,000 births, and in the 142 Towns in which Exeter is included 154 per 1,000 births.

Infantile
Mortality.

Deaths in Public Institutions:—

The Royal Devon and Exeter Hospital ...	77		
The City and St. Thomas' Workhouses ...	68		
City Asylum	Residents of City only {	{	19
Exeter Sanatorium			8
<hr/>			172

LIST OF CASES IN WHICH AN INQUEST WAS HELD.

ACCIDENTS:—

By Burns	...	...	...	2
By Fall from a Bicycle	...	...	...	4
By Administration of Chloroform	...	...	...	1
By Drowning	...	...	..	1
By Falling from a High Path	...	...	...	1
By Poisoning	...	...	...	2
By Railway Accidents	...	...	...	3
By Fall from a Vehicle	...	...	...	1
By being Run Over by a Vehicle	...	...	...	1
By Other Causes	...	...	..	2
Carried Forward	...	...	...	<hr/>18

Brought Forward	18
-----------------	-----	----	----

SUICIDES :—

By Throat Cut	1
---------------	-----	-----	-----	---

By Starvation	1
---------------	-----	-----	-----	---

OTHER CAUSES :—

Apoplexy	1
----------	-----	-----	-----	---

Abscess in Neck	1
-----------------	-----	-----	-----	---

Bronchitis	2
------------	-----	-----	-----	---

Brain Diseases	2
----------------	-----	-----	-----	---

Brights Disease	2
-----------------	-----	-----	-----	---

Convulsions	7
-------------	-----	-----	-----	---

Diarrhoea	2
---------------	-----	-----	----	---

Dropsy	1
------------	-----	-----	-----	---

Gastro Enteritis	1
------------------	-----	-----	-----	---

Failure of Heart Action	11
-------------------------	-----	----	----

Inflammation of Lungs	1
-----------------------	-----	-----	---

Pneumonia	1
-----------	-----	-----	----	---

Rickets	1
-------------	-----	-----	-----	---

Syncope	7
-------------	-----	-----	-----	---

Senile Decay	2
--------------	-----	-----	-----	---

No Specified Cause	1
--------------------	-----	-----	---

Insufficient Vitality	1
-----------------------	-----	-----	---

Ulcer of Stomach	1
----------------------	-----	-----	---

The Registrar-General gives the Death-rate among persons aged 60 years and upwards for the year 1904 as 68·2 per 1,000 of the estimated population at that group of ages.

The Death-rate in Exeter of persons in the same group of ages being only 106·4 per 1,000.

The Death-rate for the last 10 years, in both Exeter and the 33 Great Towns, was :—

THE FOLLOWING TABLES

Will show the comparative Rates for each Month or Year:—

CITY OF EXETER.

Month.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	Death Rate Statistics.
Jan.	24·35	19·2	26·5	21·70	16·84	21·97	17·4	16·5	19·0	24·4	
Feb.	27·9	29·61	21·39	23·18	16·4	26·5	21·63	21·46	18·5	19·2	
Mar.	28·39	13·74	23·66	17·46	16·8	17·92	23·67	19·6	16·75	16·7	
April	18·92	17·23	21·76	17·55	14·26	19·55	17·2	15·44	15·30	17·2	
May	15·1	14·8	11·33	12·72	19·1	15·7	16·98	15·0	12·70	13·2	
June	10·39	19·64	15·0	8·89	14·55	15·44	13·0	15·25	12·40	14·6	
July	14·7	15·4	15·65	9·39	14·26	14·81	14·08	14·45	13·50	14·9	
Aug.	15·47	13·9	24·0	17·64	23·11	15·97	19·4	14·7	14·00	13·9	
Sept.	13·1	14·57	10·87	15·29	16·65	14·84	10·34	13·7	13·20	10·7	
Oct.	16·6	14·5	15·36	14·89	19·55	15·4	13·27	14·8	13·20	13·4	
Nov.	15·08	17·1	13·81	12·0	20·3	18·34	14·3	15·73	15·00	11·8	
Dec.	11·65	18·4	20·76	17·50	39·0	18·44	17·2	29·2	15·80	20·7	

The Death-Rate per 1,000 for each year being :—

17·47 17·2 18·32 15·66 19·13 17·9 16·4 16·5 15·3 16·8

IN THE 33 GREAT TOWNS.

Death Rate
Statistics.

Month	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Jan.	19·82	19·2	19·7	20·32	18·15	25·12	18·1	18·34	18·25	19·2
Feb.	27·47	12·8	19·6	20·30	20·38	23·5	20·5	22·72	17·1	17·9
Mar.	29·57	19·6	18·5	20·95	22·66	20·98	19·1	18·97	16·8	18·9
April	20·2	19·04	18·3	19·54	19·30	21·72	18·67	17·57	15·37	17·1
May	17·4	18·15	16·85	16·72	16·95	18·5	16·71	16·86	16·0	15·5
June	15·95	17·17	16·1	15·86	16·52	16·5	14·87	13·15	14·20	13·8
July	20·45	21·66	17·72	15·55	18·0	16·47	17·45	10·10	13·75	14·4
Aug.	20·08	19·1	27·42	21·03	25·28	20·36	21·68	13·40	15·40	21·3
Sept.	20·0	15·67	18·5	23·68	22·3	18·19	17·8	16·87	13·7	16·8
Oct.	20·22	17·2	16·9	19·05	19·4	17·32	16·5	17·20	15·80	15·3
Nov.	19·5	20·5	18·9	17·10	18·46	17·54	20·17	17·65	17·20	17·2
Dec.	18·35	19·16	20·76	18·08	25·2	16·87	19·6	18·32	18·32	19·8

The Death-Rate per 1,000 for each year being : -

20·7 18·9 19·1 18·83 20·21 19·5 18·6 17·40 16·3 17·2

The Table for 1902, 1903 and 1904 is for the 76 Great Towns.

The Deaths in Exeter due to the Notifiable Zymotic Diseases were :—

Notifiable
Zymotic
Deaths

Small Pox	Diphtheria.	Membranous Croup.	Scarlet Fever	Typhoid Fever	Puerperal	Erysipelas	Total.
0	5	0	2	5	0	0	12

Of these, 1 case of Diphtheria, 2 of Scarlet Fever and 3 of Typhoid Fever died at the Sanatorium.

The Deaths from Non-Notifiable Diseases were :—

Non-
Notifiable
Zymotic
Deaths.

Measles.	Whooping Cough.	Diarrhoea.	Total.
0	25	23	48

Giving the Death-rate for Notifiable Zymotic Diseases at 0·27 per 1,000, and the Non-Notifiable Diseases at 1 per 1,000.

The Death-rate from the seven principal Zymotic Diseases in England and Wales for 1904, was 1·94 per 1,000; in the 76 Great Towns it was 2·49 per 1,000; and in the 142 Smaller Towns 2·02 per 1,000, and in England and Wales less the 218 Towns 1·28 per 1,000.

The following Table shows the Annual Death-rate per 1,000 for all causes and from the several Zymotic Diseases during the year 1904:—

	All Causes.	Principal Zymotic Diseases	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.	Diarrhoea.	Deaths under 1 year per 1,000 Births.
England and Wales ..	16·2	1·94	0·01	0·36	0·11	0·17	0·34	0·09	0·86	146
76 Great Towns ..	17·2	2·49	0·01	1·47	0·12	0·19	0·40	0·10	1·20	160
142 Other large Towns..	15·6	2·02	0·03	0·36	0·13	0·16	0·35	0·10	0·89	154
England & Wales less } the 218 Towns	15·3	1·28	0·01	0·23	0·09	0·14	0·27	0·08	0·46	125
Exeter	16·8	1·26	0·0	0·0	0·04	0·1	0·5	0·1	0·4	166

Annual
Death Rate.

DISEASE INCIDENTS.

Notifiable Diseases.

SMALLPOX.

Smallpox. No case of Smallpox occurred during the year 1904.

TABLE

Showing the actual number of cases of Smallpox notified
for ten years and mortality for the same.

Year.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	Total
Cases Notified	3	31	0	0	1	0	2	6	0	0	43
Deaths	0	2	0	0	0	0	0	1	0	0	3

DIPHTHERIA.

The number of cases of this disease notified was 37, Diphtheria.
13 males and 24 females, of whom 5 died, viz.:—2 males and 3 females. With the exception of 1901, this is the largest number notified for the past eleven years. In considering the large increase in the number of cases, I have carefully noticed the localities from which they were notified, and find that in proportion to the number of inhabitants, the larger number of cases came from the St. Thomas side of the river; also that three cases were imported into the City. Of the 37 cases notified, 21 were removed to the Sanatorium with only one death.

In considering these cases one's attention was at once drawn to the mildness of the disease, and in several of the cases under treatment the *Bacillus Diphtheria* had not been detected by bacteriological examination. From the general condition of the patient one would have concluded that there was very little the matter, as after a day or two the patients were, to all outward appearances, perfectly well. In examining the premises for the cause of these cases, one is at once struck with the absence of sanitary defects to which this disease could be attributed, and to the fact that although many of the patients were mixing with other members of

the family for several days without any attempt at isolation before the disease was recognised, no other member of the family became affected, but where there has been more than one case occurring in the same house, sanitary defects of sufficient gravity were found to account for the disease, but this only happened on two occasions. The advantages of prompt removal of these cases are clearly shown, when one considers that of the 21 cases removed to the Sanatorium only one died, while among the remaining 16 cases that were not removed, there were no less than four deaths.

TABLE

Showing the number of cases notified corrected and mortality from same for the past ten years:—

Year.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	Total.
Cases Notified	22	16	11	12	10	20	40	32	17	37	217
Deaths	1	3	2	6	2	8	6	8	3	5	39

SCARLET FEVER.

Scarlet
Fever.

During the past year there has been a marked decline in this disease, the number of cases notified being only 88 against 321 for 1903. These figures again confirm the experience of past years which shows that Scarlet Fever in

Exeter appears to become epidemic about every eight years, from which we may expect that there will be a continued decrease in this disease for the next two years.

In reviewing the figures for the past eleven years, I find that although we have had as few cases as only 14 in one year, we cannot say that Exeter has been ever free from this disease for any length of time. Every effort is made to stamp out the disease, and no less than 82 of the 88 cases notified during the past year were removed to the Sanatorium.

TABLE

Showing number of cases of Scarlet Fever and mortality from the same for the past ten years :—

Year.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	Total.
Cases Notified	86	63	14	24	98	65	533	338	321	88	1630
Deaths	3	0	0	0	2	1	10	13	6	2	35

TYPHOID FEVER.

The number of cases notified is one less than that of last year (which was then the lowest on record), being only 30 cases with 5 deaths. In investigating the causes of these

Typhoid
Fever.

cases, one is at a loss to find sufficient evidence in the Sanitary arrangements on the premises to account for the disease. In several of the cases the whole of the Sanitary arrangements were outside and at some distance from the Dwelling Houses, and in no case has there been complaint of any nuisance. In six cases the patients had partaken of shellfish, but beyond that point there was no evidence to justify one in saying that this was the cause of the disease. From the result of the examination of the premises where these cases have occurred, one is forced to the opinion that in investigating the causes of the disease more attention will have to be paid to their previous dietetics, as during the past year sufficient Sanitary defects have not been found to account for the disease.

TABLE

Showing the number of cases of Typhoid Fever and the mortality for the same for the past ten years:—

Year.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	Total
Cases Notified	38	74	96	93	186	91	41	33	31	30	713
Deaths	8	13	15	9	18	15	6	3	1	5	94

TYPHUS FEVER.

No case of this disease has been notified during the past year.

Typhus
Fever.

PUERPERAL FEVER.

Only three cases of this disease have been notified, and there have been no deaths.

Puerperal
Fever.

ERYSIPELAS.

Fifteen cases of this disease were notified, with only one death.

Erysipelas

CHICKEN POX.

During the past year 61 cases have been notified, none of which ended fatally.

Chicken
Pox.



Don-Notifiable Diseases.

MEASLES.

Measles. Measles not being a notifiable disease in Exeter, we have no means of ascertaining the number of cases that may have occurred during the year, and it is only from information received from the School Authorities that I know there were some cases of this disease during the last months of the year. No deaths were registered from this disease.

TABLE

Showing the number of Deaths from Measles for the past ten years :—

Year.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	Total
Deaths.	8	7	38	1	2	12	2	17	36	0	123

WHOOPING COUGH.

Whooping Cough. Whooping Cough, which had been prevalent during the last quarter of 1903, continued during the first quarter of 1904, and 25 deaths were registered as due to that disease.

DIARRHŒA.

The number of deaths from this disease was the same Diarrhœa
as that for 1903, viz.:—23. I can again endorse the remarks
I made last year in commenting upon the causes of deaths
which are due to this disease, and it is only by improving
the habits and mode of living amongst the poorer classes
that one may hope to reduce the mortality.

The number of deaths from this disease was divided as
follows :—

Under one year	...	...	...	19
Between one and five years			...	3
Between 35 and 45 years			...	1
				—
Total			...	23

TUBERCULOSIS.

During the past year 83 deaths have been registered as Tuber-
culosis.
due to the various forms of Tuberculosis, divided as follows :—
57 deaths from Phthisis, 9 from Tubercular Meningitis, and
17 from other forms of Tuberculosis. This again shows a
considerable decrease on that of last year, and is the lowest
for the past six years.

I regret that the voluntary notification of Phthisis has again been practically useless, not a single case having been notified, although the Council offer to pay the usual fee for notification.

During the past year we have endeavoured to deal with this disease, and whenever we have known of cases amongst the poorer classes, the Health Visitor has been instructed to visit and advise the best methods of preventing the spread of infection. We have again this year supplied disinfectants and disinfected free of cost to all who applied, and in 45 cases I was able to induce the occupiers of houses to have the premises disinfected after a death from this disease had taken place, but in the other 17 cases the occupiers absolutely refused to have anything done.

The Death-rate from Phthisis for the past year was 1·2 per 1,000, being again slightly less than that for previous years.

The Deaths from this disease in all its forms in Exeter is shown in the following Table :—

TABLE

Showing the Deaths from the following diseases for the
past ten years:—

Disease.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Phthisis	61	61	50	55	72	56	66	74	67	57
Other Forms of Tuberculosis	11	12	13	12	11	20	14	19	19	17
Tubercular Meningitis	18	12	17	8	8	10	10	12	4	9
Tabes Mesenterica	3	1	2	6	0	2	5	1	1	0

NOTE:—In the above Table it must be noticed that before the year 1900 the population of Exeter was 37,717; since 1900, when St. Thomas was annexed, the population was increased to 47,400.



Deaths from Phthisis classified according to Locality and Sex
for 1904.

LOCALITY.	M.	F.	TOTAL.	LOCALITY.	M.	F.	TOTAL.
Alphington Street	1	..	1	Brought Forward	14	8	22
Albert Street ..	..	1	1	Pennsylvania ..	1	..	1
Blackboy Road ..	1	1	2	Preston Street ..	2	1	3
Bartholomew St. East	1	..	1	Paris Street ..	1	..	1
Cleveland Street ..	1	..	1	Parr Street ..	1	1	2
Church Lane ..	1	.	1	Pancras Lane ..	..	1	1
Coombe Street ..	1	..	1	Queen Street ..	..	1	1
Commercial Road..	..	1	1	Rack Street ..	2	..	2
Clifton Street ..	..	1	1	Roberts Road ..	1	..	1
Elmside ..	1	..	1	Raleigh Road ..	1	..	1
Exwick ..	..	1	1	Sidwell Street ..	3	1	4
Fortescue Road ..	1	..	1	Sun Street ..	1	1	2
Fore Street ..	1	..	1	Smythen Street ..	1	..	1
Holloway Street ..	..	1	1	Victoria Street ..	1	..	1
Heavitree Road ..	1	..	1	Woodah Road ..	..	1	1
Iddesleigh Road	1	1	2	West Street ..	..	1	1
Jubilee Street ..	1	..	1	Well Street ..	1	1	2
Mary Arches Street	1	..	1	R. D. & E. Hospital	3	1	4
North Street ..	..	1	1	City Workhouse ..	5	..	5
Princess Square ..	1	..	1	St. Thomas Union	1	..	1
Carried Forward	14	8	22	Grand Total	39	18	57

CANCER.

The Deaths from this disease were 56, rather less than Cancer.
that of last year.

TABLE

Of Deaths from Cancer for the following years:—

1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
36	41	30	31	38	36	33	50	60	56

SUMMARY OF INFECTIOUS DISEASES AND
ACTION TAKEN.

In reviewing the cases of Infectious Diseases notified during 1904, one's attention is drawn to the large increase in the number of cases notified as Diphtheria, and in considering the cause of this increase I have come to the conclusion that many of the cases notified as Diphtheria are not true cases of this disease, for the reasons that from my own personal observation of many of these cases, they have not been of an infectious character, as evidenced by the immunity of the other members of the families who were in contact with these cases for many days before they were notified, and from having the patients under our personal charge while at the Fever Hospital. Taking this increase as an indication of Sanitary condition of the City, I think

these figures may be very misleading. I am pleased, however, to say that many of the Medical Profession avail themselves of the opportunity afforded them by the Council of having a bacteriological examination made free of charge. I am pleased to say that the number of cases of Typhoid Fever is lower than that of last year which was the lowest on record, the attack-rate being only .63 per 1,000, and the death-rate .01 per 1,000 of the population. These figures are a fair indication of the Sanitary state of the City. Scarlet Fever has been declining the whole of the year, and in most cases the disease has been of a very mild form, but it is these mild cases which are the trouble to Sanitary Authorities, and the cause of the spread and continuance of this disease.

The action taken to prevent the spread of these diseases has been prompt removal of all cases where the necessary isolation could not be provided at home, careful enquiries into the causes of each case, and the excluding of all children from school from infected houses, by advice notices to occupiers of infected premises, and by advising schools, librarians, and the Clerk to the School Board. During the past year, with the sanction of the Education Committee, we have had a list of all children absent from schools on account of illness, or supposed illness, sent us every week,

and they are visited by the Health Visitors; by this means we are enabled to detect cases of infectious disease which might otherwise escape notice, and the fact of the parents knowing that the children would be visited, has conduced to a Medical Man being called in earlier than he otherwise would have been, and for this reason I am pleased to acknowledge the valuable assistance so readily rendered by the Schoolmasters, Mistresses, and Officers of the Education Committee.

During the year the total number of rooms disinfected was 200, this includes:—

45 rooms disinfected after Phthisis

6 ,, ,, Cancer



ARTICLES DISINFECTED IN 1904.

Mattresses	...	...	...	419
Palliasses	...	...	...	228
Blankets	...	...	...	441
Bolsters	...	...	...	250
Bedties	...	...	...	283
Quilts	...	...	...	117
Carpets	...	...	...	150
Dresses	...	...	...	163
Dressing Gowns		...	...	89
Cushions	...	...	...	115
Curtains	...	...	...	176
Underlinen	...	...	...	230
Coats	..	...	...	139
Suits	...	...	...	164
Rugs	...	...	...	92
Other Articles		...	...	2875
Total				5931

SANATORIUM OR FEVER HOSPITAL.

REPORT ON SANATORIUM FOR 1904.

GENTLEMEN,

We have the honour to report that the number of cases treated this year at the Sanatorium is 130 less than those of 1903. We began the year with 69 cases under treatment remaining over from 1903, and we have only 9 to be carried on to 1905.

Sanatorium
Report.

(*Vide* following figures) :—

1895	...	Total treated at Sanatorium	...	91
1896	...	Ditto	ditto	... 132
1897	...	Ditto	ditto	... 94
1898	...	Ditto	ditto	... 106
1899	...	Ditto	ditto	... 234
1900	...	Ditto	ditto	... 176
1901	...	Ditto	ditto	... 422
1902	...	Ditto	ditto	... 436
1903	...	Ditto	ditto	... 398
1904	...	Ditto	ditto	.. 268

The number of cases treated from the County of Devon shows an increase, as the following Table indicates:—

1895	...	Cases from the County of Devon	...	20	
1896	...	Ditto	ditto	...	32
1897	...	Ditto	ditto	..	40
1898	...	Ditto	ditto	...	35
1899	...	Ditto	ditto	...	57
1900	...	Ditto	ditto	...	66
1901	...	Ditto	ditto	...	41
1902	...	Ditto	ditto	...	100
1903	...	Ditto	ditto	...	83
1904	...	Ditto	ditto	...	90

The following is the mortality amongst the 90 cases from the County of Devon:—

Typhoid Fever	...	...	...	2
Scarlet Fever	...	...	...	0
Diphtheria	...	...	...	1
Due to disease other than notified	...	...	...	1
Total				4

Cases treated from the City and County of Exeter...	178
Cases treated from the County of Devon ...	90
	<hr/>
Total ...	268

The average duration of each patient's stay in the Sanatorium was 49·10 days.

Against in 1897	...	...	47 days
„ 1898	...	...	44 „
„ 1899	...	...	44 „
„ 1900	...	...	45 „
„ 1901	...	...	48 „
„ 1902	...	...	46 „
„ 1903	...	...	45 „
„ 1904	...	...	49 „

During the year 1904, there occurred 12 deaths amongst all the patients who were treated at the Sanatorium, viz. :—

From Typhoid Fever	...	...	5
„ Scarlet Fever	...	...	2
„ Diphtheria	...	...	2
Due to disease other than notified	...	...	3
			<hr/>
Total	...	...	12

Of the above deaths due to disease other than notified, 2 Typhoids and 1 Scarlet were certified as being due to Tuberculosis.

This gives a Death-rate of 4·4 per 100 cases treated.

SMALLPOX.—No cases of Smallpox occurred in Exeter or neighbourhood during 1904, and no cases were under treatment in the Sanatorium.

DIPHTHERIA.—Twenty-eight cases of Diphtheria were treated, of whom two died, and twenty-six were discharged cured.

TYPHOID FEVER.—Twenty-seven cases of Typhoid Fever were treated during the year, of whom five died from Typhoid Fever, two from Tuberculosis, and eighteen were discharged cured, leaving two cases under treatment.

SCARLET FEVER.—Two hundred and thirteen cases of Scarlet Fever were treated during the year, sixty-six of these remaining from 1903. Of these two died from Scarlet Fever, and one from Tuberculosis, two hundred and three were discharged cured, and only seven were left under treatment.

The Matron, Miss Marion Jones, has during the year proved a most efficient and able officer. She possesses great administrative abilities, is liked and respected by the Nurses, and we have the greatest confidence in the manner in which she carries out the treatment and nursing of infectious diseases.

The Staff of Trained Nurses, by their care and attention to the patients, and by their untiring and skilful attention to their duties, have largely contributed to the excellent results which we here have the honour to report to you.

We again thank Mr. W. J. Wreford for his constant kind assistance and we cannot speak too highly of the able way in which he carries out the large amount of work he does in connection with the Sanatorium.

Appended are Schedules of cases.

We are, Gentlemen,

Faithfully yours,

EDWARD A. BRASH,

GEORGE T. CLAPP,

CHARLES J. VLIELAND.

Schedule of Cases treated at the Exeter Sanatorium, for the
year 1904 :—

DATE.	Cases admitted.				Deaths.				Discharged Cured.				Remaining on the last day of each Month.			
	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Smallpox.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Smallpox.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Smallpox.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Smallpox.
Remaining on Jan.1st, 1904.	...	66	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
January ...	2	26	...	.....	.....	.....	.....	.....	37	3	.....	.....	2	55	...	.....
February ...	2	20	2	.....	1	1	.....	.....	32	.....	.....	.....	3	41	2	.....
March ...	1	20	2	.....	2	.....	.....	.....	2	35	2	.....	...	27	2	.....
April ...	4	15	...	.....	.....	.....	.....	.....	16	2	.....	.....	4	26	.....	.....
May ...	5	9	1	.....	1	.....	.....	.....	1	14	.....	.....	8	20	1	.....
June ...	...	6	1	.....	1	.....	.....	.....	5	13	1	.....	2	13	1	.....
July ...	2	4	...	.....	.....	.....	.....	.....	2	8	1	.....	2	9	.....	.....
August ...	2	5	3	.....	.....	.....	.....	.....	1	4	.....	.....	3	10	3	.....
September	2	24	6	.....	2	...	1	.....	1	7	.....	.....	2	27	8	.....
October ...	2	3	3	.....	1	.....	.....	.....	20	8	...	.....	3	10	3	.....
November	3	9	6	.....	...	1	.....	.....	8	2	.....	.....	6	11	5	.....
December	2	6	1	.....	1	.....	...	.....	6	9	7	.....	2	7	.....	.....
Total	27	213	28	.....	7	3	2	.....	18	203	26	.....			

Average time of Patients' Treatment, 49·10 days.

Summary of Cases treated at the Exeter Sanatorium for the
year 1904 :—

Disease Treated.	Remain- ing 1st Jan., 1904	Admitted during 1904	Total Deaths.	Due to Disease other than notified.	Actual No. of Deaths from Dis. notified.	Dis- charged Cured.	Total Treated during 1904	Remain- ing 1st Jan., 1905
Typhoid Fever ..	—	27	7	2	5	18	27	2
Scarlet Fever ..	66	147	3	1	2	203	213	7
Diphtheria ..	3	25	2	—	2	26	28	—
Smallpox ..	—	—	—	—	—	—	—	—
Total	69	199	12	3	9	247	268	9

Of the above deaths due to disease other than notified,
2 Typhoids and 1 Scarlet were certified as being due to
Tuberculosis.

Summary of Cases treated at the Exeter Sanatorium from
the County of Devon, for the year 1904, and
included in the above :—

Disease Treated.	Remain- ing 1st Jan., 1904	Admitted during 1904	Total Deaths.	Due to Disease other than notified	Actual No. of Deaths from Dis. notified.	Dis- charged Cured	Total Treated during 1904	Remain- ing 1st Jan., 1905
Typhoid Fever ..	—	7	3	1	2	4	7	—
Scarlet Fever ..	14	65	—	—	—	77	79	2
Diphtheria .	—	4	1	—	1	3	4	—
Smallpox ..	—	—	—	—	—	—	—	—
Total	14	76	4	1	3	84	90	2

Of the above deaths due to disease other than notified,
1 Typhoid was certified as being due to Tuberculosis.

The County Cases were admitted from the following

Districts :—

Disease treated.	St. Thomas R. D.C.	Exmouth U. D. C.	Sidm'th U. D. C.	Private Cases.	Totals
Typhoid Fever	6	—	1	—	7
Scarlet Fever	56	9	—	—	65
Diphtheria	1	1	—	2	4
Total	63	10	1	2	76

SEWAGE.

Three years have now elapsed since the whole of the Sewage on the City side, and twelve months since that of the St. Thomas' side of the Exe was intercepted from flowing into the river, and conveyed to the Septic Tanks to be dealt with by bacteriological treatment. I have kept careful observation of the works and am of opinion that the same are doing all that was expected of them, and in a most satisfactory manner. The condition of the river has greatly improved since the completion of the whole works, and there is, so far as I know, no pollution of the river from this City.

HOUSE DRAINAGE.

The drainage of the City is by the Water Carriage System, and special attention has been paid to house drains during the past year. 243 drains have been tested by the smoke test. The whole of the drains of 93 houses have been relaid, and 115 repaired, trapped and ventilated. The flushing arrangements of 30 W.Cs. have been improved. A large amount of work has been done in the way of improving W.Cs. and providing light and air to the same.

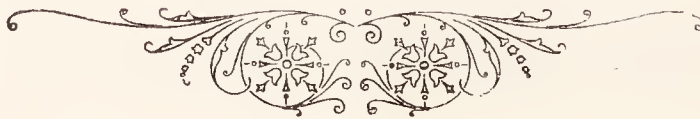
REMOVAL AND DISPOSAL OF HOUSE REFUSE.

This work is carried out by the Council by direct labour, and in most parts of the City the house refuse is

removed daily, while in the suburban parts there is an improvement, the refuse being removed twice a week instead of once. During the past year the difficulty of disposing of the house refuse in a satisfactory manner seems to have increased, and on two occasions I have had to complain of deposits being a nuisance in consequence of their proximity to dwelling houses and public highways. The present method of disposal is far from satisfactory, and the question of providing a destructor or some other means of disposing of this refuse will have to be seriously considered by the Council.

WATER.

The water supply of the City again continues to be satisfactory, and there is always a plentiful supply; the Reports of the Public Analyst which are appended hereto confirm these remarks.



ANALYST'S REPORT.

Analysis of City Water.

PUBLIC ANALYST'S LABORATORY,

EXETER, *January 21st, 1904.*

REPORT ON A SAMPLE OF WATER.

Analyst's
Report.

Physical Characters :—

(a)	Colour	...	...	...	Slightly yellowish tint
(b)	Taste	...	...	...	Normal
(c)	Smell	...	...	...	Absent
(d)	Suspended Matter	...	...	...	Nothing

Chemical Characters :—

	In Grains per Gallon.
(<i>e</i>) Total Solids (dried at 110° C) ...	7·7
(<i>f</i>) Mineral Matter (after re-carbonating) ...	7·0
(<i>g</i>) Loss on Ignition ...	·7

Characters on Ignition :—Nothing
Carbonised.

(<i>h</i>) Chlorides (expressed as Chlorine) ...	1·25
(<i>i</i>) Hardness (total) ...	4·35
(<i>j</i>) Hardness (permanent) ...	1·0
(<i>k</i>) Nitrites . . .	0
(<i>l</i>) Nitrates (expressed as Nitrogen) ...	·052
(<i>m</i>) Saline Ammonia ...	·0004
(<i>n</i>) Albumenoid Ammonia ...	·0044
(<i>o</i>) Oxygen absorbed in 15 minutes ...	—
(<i>p</i>) „ „ 4 hours ...	·03
(<i>q</i>) Poisonous Metals ...	Absent
(<i>r</i>) Phosphates ...	0

N.B.—To convert Grains per gallon into parts per 100,000
multiply by $\frac{0}{7}$

THOMAS TICKLE,

Public Analyst.

PUBLIC ANALYST'S LABORATORY,

EXETER, *April 27th, 1904.*

REPORT ON A SAMPLE OF WATER.

Physical Characters :—

(a)	Colour	...	...	...	Nearly colourless
(b)	Taste	...	...	...	Normal
(c)	Smell	...	...	...	Absent
(d)	Suspended Matter	...	...	...	Nothing

Chemical Characters :—

In Grains per Gallon.

(e)	Total Solids (dried at 110° C)	...	7·3
(f)	Mineral Matter (after re-carbonating)	...	6·8
(g)	Loss on Ignition	...	·5

Characters on Ignition :—Nothing
Carbonised.

(h)	Chlorides (expressed as Chlorine)	...	1·1
(i)	Hardness (total)	...	4·4
(j)	Hardness (permanent)	...	·7
(k)	Nitrites	...	0
(l)	Nitrates (expressed as Nitrogen)	...	·039
(m)	Saline Ammonia	...	·0004

(n)	Albumenoid Ammonia	...	...	·0039
(o)	Oxygen absorbed in 15 minutes	...	...	—
(p)	„ „ 4 hours	...	...	·025
(q)	Poisonous Metals	...	...	Absent
(r)	Phosphates	...	...	0

N.B.—To convert Grains per gallon into parts per 100,000

multiply by $\frac{0}{7}$

THOMAS TICKLE,

Public Analyst.



PUBLIC ANALYST'S LABORATORY,

EXETER, *August 30th, 1904.*

REPORT ON A SAMPLE OF WATER.

Physical Characters :—

(a)	Colour	...	...	...	Slightly yellowish tint
(b)	Taste	...	...	...	Normal
(c)	Smell	...	...	...	Absent
(d)	Suspended Matter	...	...	...	Insignificant

Chemical Characters :—

In Grains per Gallon.				
(e)	Total Solids (dried at 110° C)	...	...	8·0
(f)	Mineral Matter (after re-carbonating)	...	...	7·5
(g)	Loss on Ignition	...	...	·5

Characters on Ignition :—Small quantity
of matter Carbonised.

(h)	Chlorides (expressed as Chlorine)	...	...	1·1
(i)	Hardness (total)	...	...	4·7
(j)	Hardness (permanent)	...	...	·9
(k)	Nitrites	...	...	0
(l)	Nitrates (expressed as Nitrogen)	...	...	·035
(m)	Saline Ammonia	...	...	·0007

(n)	Albumenoid Ammonia	...	...	·0065
(o)	Oxygen absorbed in 15 minutes	...	...	—
(p)	„ „ 4 hours	...	...	·005
(q)	Poisonous Metals	...	...	Absent
(r)	Phosphates	...	...	0

N.B.—To convert Grains per gallon into parts per 100,000

multiply by $\frac{0}{7}$

THOMAS TICKLE,

Public Analyst.



PUBLIC ANALYST'S LABORATORY,

EXETER, *October 31st, 1904.*

REPORT ON A SAMPLE OF WATER.

Physical Characters :—

(a)	Colour	...	...	...	Slightly yellowish
(b)	Taste	...	...	...	Normal
(c)	Smell	...	..	...	Absent
(d)	Suspended Matter	...	...	...	A few diatoms and small algae

Chemical Characters :—

			In Grains per Gallon.
(e)	Total Solids (dried at 110° C)	...	7·3
(f)	Mineral Matter (after re-carbonating)	...	6·7
(g)	Loss on Ignition	...	·6

Characters on Ignition :—A small amount
of matter Carbonised.

(h)	Chlorides (expressed as Chlorine)	...	·95
(i)	Hardness (total)	...	4·4
(j)	Hardness (permanent)	...	·9
(k)	Nitrites	...	0

(<i>l</i>)	Nitrates (expressed as Nitrogen)	...	·033
(<i>m</i>)	Saline Ammonia	... ..	·0004
(<i>n</i>)	Albumenoid Ammonia	... ..	·0·057
(<i>o</i>)	Oxygen absorbed in 15 minutes	...	—
(<i>p</i>)	„ „ 4 hours	...	·03
(<i>q</i>)	Poisonous Metals	... ..	Absent
(<i>r</i>)	Phosphates	... ..	0

N.B.—To convert Grains per gallon into parts per 100,000

multiply by $\frac{0}{7}$

THOMAS TICKLE,

Public Analyst.



COMMON LODGING HOUSES.Common
Lodging
Houses.

There are only 3 Common Lodging Houses in the City ; these are regularly inspected by the Police and Sanitary Officers, and during the past year they have been brought into compliance with the regulations of the Model Bye-laws for Common Lodging Houses. These houses are well kept, and no case of infectious disease has been notified from them.

SLAUGHTER-HOUSES.

Slaughter-
houses.

During the past year the number of Slaughter-houses in the City have again been reduced, leaving only 8 (all registered Slaughter-houses). These have been regularly inspected, and found to be kept in accordance with the Bye-laws.

BAKEHOUSES.

Bakehouses

We have 63 Bakehouses within the City, all of which have been regularly inspected, and found to be kept in compliance with the Act of Parliament.

DAIRIES, MILKSHOPS, AND COWSHEDS.

Dairies, &c.

During the past year the whole of the Dairies, Milkshops and Cowsheds have been visited, and no cases calling for

interference have been discovered. No outbreak of infectious disease could in any way be traced to milk supply. During the year 36 samples of milk have been analysed, and only 2 were found adulterated.

SALE OF FOOD AND DRUGS ACT.

During the past year 129 samples were submitted to the Public Analyst, with the result that 8 were returned as adulterated. The results of the Analyses and proceedings taken are shown in the annexed table.

Food and
Drugs Act



ABSTRACT OF SAMPLES TAKEN FOR ANALYSIS
DURING THE YEAR 1904.

ARTICLE.	Examined	Adulterated.
Milk .. .	36	2
Butter .. .	20	4
Cream .. .	3	..
Cheese .. .	14	..
Lard .. .	3	..
Coffee .. .	6	1
Margerine ..	3	..
Bread .. .	5	..
Flour .. .	5	..
Jam .. .	3	..
Baking Powder	3	..
Pepper .. .	3	..
Arrowroot ..	3	..
Cream of Tartar	3	..
Sausages ..	7	1
Gin .. .	4	..
Whisky .. .	4	..
Brandy .. .	4	..
Total ..	129	8

AMOUNT OF ADULTERATION, PROCEEDINGS
TAKEN AND FINES.

No. of. Sample	Article Adulterated	Amount of Adulteration.	Proceedings Taken.	Result of Proceedings.
6	Butter ..	1.5 above usual quantity of water	None ..	..
51	Coffee	50 per cent. of Chicory .	Do. ..	Protected by label.
52	Butter ..	5.5 per cent. above usual quantity of water	Summoned .	Fined 10/- and costs.
55	Butter	5.5 above usual quantity of water	Do. ..	Fined 10/- and costs.
61	Milk ..	13 per cent deficient in Fat	Do. ..	Fined £1 and costs.
67	Milk	25 per cent. deficient in Fat	Do. ..	Fined 10/- and costs.
76	Butter .	4 per cent. above usual quantity of water	Do. .	Fined £1 and costs.
101	Sausages ..	60 grs. per lb. Boric Acid	Do. ..	Fined 5/- and costs.

Standard for Butter 16 per cent. of water.

Standard for Milk 8.5 per cent. milk solids other than
milk fat. Fat 3 per cent.

Standard for Skimmed Milk 9 per cent. of milk solids.

FACTORY AND WORKSHOPS ACTS.

A considerable amount of work has been done under these Acts during the past year, and we now have on the registers 391 Workshops and 53 Factories. We have also 270 Outworkers.

Factory and
Workshops
Act.

TABLE

Showing number of Workshops and Inspections made under
Factory and Workshops Acts:—

WORKSHOPS, ETC.	No. on Register	No. of Visits	WORKSHOPS, ETC.	No. on Register	No. of Visits
Bakers ..	63	130	Brought Forward	228	347
Basket Makers ..	2	3	Laundries ..	12	15
Bedding Manufacturers	1	1	Lace Manufacturers ..	2	2
Blind Makers ..	3	3	Leather Merchants ..	2	2
Boot Makers ..	6	7	Mangling ..	1	1
Bookbinders ..	3	3	Milliners ..	22	34
Brush Makers ..	3	7	Moulders ..	1	1
Brass Finishers ..	1	1	Plumbers & Gas Fitters	22	22
Builders ..	34	42	Picture Frame Makers ..	6	8
Cabinet Makers ..	14	18	Rope Makers ..	1	1
Cheese Factors ..	1	1	Rag Stores ..	3	3
Coach Makers ..	5	6	Saddlers ..	7	7
Confectioners ..	3	5	Scale Makers ..	1	1
Coopers ..	2	2	Smiths ..	3	3
Corset Makers ..	2	2	Stained Glass Window Makers ..	3	3
Cycle Repairers ..	8	10	Shoeing Forges ..	3	3
Decorators ..	3	3	Shirt & Collar Makers ..	1	1
Dressmakers ..	60	89	Sculptors ..	6	6
Drug Manufacturers ..	2	1	Tailors ..	47	80
Embroidery Makers ..	2	3	Tarpaulin Makers ..	1	1
Engravers ..	4	4	Tinsmiths ..	2	2
Fancy Box Makers ..	1	1	Tea Factors ..	1	3
Fish Packing ..	1	1	Umbrella Repairers ..	2	2
Hat Makers ..	1	1	Upholsterers ..	11	15
Ironmongers ..	3	3	Wheelwrights ..	3	3
Carried Forward	228	347	Grand Total	391	566

TABLE

Showing number of Factories and Inspections made
under the Factory and Workshops Acts,
during 1904.

FACTORIES	No on Register	No. of Visits	FACTORIES.	No on Register	No. of Visits
Aërated Water Makers..	3	3	Brought Forward	25	28
Baryta Manufacturer ..	1	1	Ice Manufacturer ..	1	1
Builders	5	5	Ironmongers ..	2	2
Brewers	2	2	Paper Mills.. ..	2	2
Brush Makers ..	1	1	Printers	13	13
Blouse Manufacturer ..	1	1	Plumber	1	1
Boot Maker	1	1	Rag Sorter	1	1
Cutler	1	1	Saw Mills	1	1
Collar Manufacturer ..	1	1	Tobacco Factor ..	1	1
Coach Builder	1	3	Tailor	1	2
Cycle Repairer	1	3	Wood Carvers ..	2	2
Engineers	6	6	Wood Turning ..	1	1
Flour Mills.. ..	2	2	Wheelwright ..	2	2
Carried Forward	25	28	Grand Total	53	57

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES
 AND HOMEWORK.

The following Report is made in accordance with the requirements of the Home Office, to whom a copy of this Report has been sent.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries)	57	4	
Workshops (including Workshop Laundries)	566	37	
Workplaces	6	6	
Homeworkers' Premises	123	13	
Total	752	60	

2. — DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prose- cutions.
	Found.	Reme- died.	Referred to H.M. Inspector	
NUISANCES UNDER THE PUBLIC HEALTH ACTS:—				
Want of Cleanliness	14	14		
Want of Ventilation				
Overcrowding	7	7		
Want of Drainage of floors	2	2		
Other nuisances	1	1		
Sanitary accom- modations	insufficient	5	5	
	unsuitable or defective	1	1	
	not separate for sexes	5	5	
OFFENCES UNDER THE FACTORY AND WORKSHOP ACT:—				
Illegal occupation of underground bake- house (S. 101)				
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	11	11		
Failure as regard lists of outworkers (S. 107)	88	88		
Giving out work to be done in premises	unwholesome (S. 108)			
which are				
infected (S. 110)				
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109)				
Other offences				
Total	134	134		

3.—OTHER MATTERS.

Class.						Number.	
MATTERS NOTIFIED TO H.M. INSPECTORS OF FACTORIES :—							
Failure to affix Abstract of the Factory and Workshop Act (S. 133)							
Action taken in matters referred by H M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5)						Notified by H.M. Inspector	3
						Report of (action taken) sent to H.M. Inspectors.	3
Other							
UNDERGROUND BAKEHOUSES (S. 101):—							
In use during 1903						7	
Certificates granted						{ in 1903	
						{ in 1904	5
In use at the end of 1904						5	
						Number of	
HOMEWORK. LISTS OF OUTWORKERS * (S. 107) :—						Lists.	Outworkers.
Lists received						58	540
Addresses of Outworkers						{ forwarded to other Authorities	3
						{ received from other Authorities	18
HOMEWORK IN UNWHOLESOME OR INFECTED PREMISES :—						Wearing Apparel.	Other.
Notices prohibiting homework in unwholesome premises (S. 108)							
Cases of infectious disease notified in homeworkers' premises						3	
Orders prohibiting homework in infected premises (S. 110)							
WORKSHOPS ON THE REGISTER (S. 131) AT THE END OF 1904 :—							
Important classes of work-shops, such as bakehouses, may be enumerated here.	Bakehouses					63	
	Dressmakers					60	
	Tailors					47	
	Laundress					12	
	Plumber and Gas Fitter					22	
	Upholsterers					11	
	All others					176	
Total number of workshops on Register						391	

Section 22 of the Public Health Amendment Act, 1890, was adopted by the Council, and the standard of sanitary accommodation fixed at one urinal and water closet for every 20 employees of the male sex, and one water closet for every 20 females employed. This standard has been enforced.



MAGISTERIAL PROCEEDINGS

Respecting various cases brought before the Justices
during the Year 1904.

No.	Nature of Offence.	Date of Hearing.	Result.
1	Being the Owner of Premises in a state so dangerous or injurious to health to be unfit for human habitation.	June 10th	Closing Order made 1st July.
2	Exposing for sale for the food of man certain Liver and Lungs of a Bullock which were diseased with Tuberculosis, and unfit for such food.	June 10th	Fined £1 and costs.
3	Preventing and impeding the Inspector of Nuisances from entering premises wherein was exposed for sale, Meat intended for the food of man.	July 13th	Fined £5 and costs.
4	Selling Butter containing an excessive quantity of water to the extent of 5 per cent.	July 22nd	Fined 10/- and costs.
5	Selling Butter containing an excessive quantity of water to the extent of 5 per cent.	July 22nd	Fined 10/- and costs.
6	Selling Milk deficient in fat to the extent of 13 per cent.	July 29th	Fined £1 and costs.
7	Selling Milk deficient in fat to the extent of 25 per cent.	August 9th	Fined 10/- and costs.
8	Selling Butter containing an excessive quantity of water to the extent of 4 per cent.	September 23rd	Fined £1 and costs.
9	Exposing for sale for the food of man a quantity of Tripe and Inwards, which were unwholesome and unfit for such food.	October 7th	Fined £1 and costs.

METEOROLOGICAL READINGS FOR THE YEAR 1904.

MONTH.	Barometer Corrected.	Thermometers in Shade.		MEANS OF					TOTAL OF		REMARKS
		Highest Reading.	Lowest Reading.	Thermometers.		Dew Point.	Thermometers in Shade.		Rain in inches.	Number of Wet Days. *	
				Dry Bulb.	Wet Bulb.		Maxi- mum.	Mini- mum.			
January ..	29·865	54·5	28·0	42·5	41·5	40·2	46·0	37·5	4·09	22	
February ..	29·531	55·0	25·0	41·6	41·0	40·2	45·9	35·9	5·65	21	
March ..	29·902	56·5	28·0	43·8	41·9	39·7	48·1	36·2	2·01	11	
April ..	29·998	64·0	36·0	52·4	49·0	56·6	57·1	43·4	·87	11	
May ..	29·920	73·5	39·5	56·0	52·6	49·4	61·8	47·0	2·16	15	
June ..	30·037	74·5	44·0	61·8	56·1	51·2	67·4	50·9	0·82	7	
July ..	30·017	81·5	50·0	67·0	62·1	58·1	72·8	57·0	5·44	15	
August ..	30·021	83·0	47·0	63·9	59·5	55·8	70·0	53·3	2·20	15	
September ..	30·016	69·5	42·0	59·2	59·9	53·0	64·2	49·9	2·04	9	
October ..	30·074	63·5	38·5	53·9	52·2	50·0	58·0	46·8	1·41	9	
November ..	30·053	59·5	23·0	45·3	43·7	41·8	49·7	38·9	1·75	14	
December ..	29·894	56·5	31·0	44·9	43·7	42·4	48·7	39·1	2·88	16	

Giving a total rainfall for 1904 of 31·32 inches, and the total number of wet days 165. *A Fall of ·01 inches constitutes a wet day.

TABLE

Showing the Rain Fall in Exeter for 10 years and number of wet days.

Year.	Gross Rain fall.	No. of Wet Days.	
1895	32·62	173	Average rain fall for the 10 years, 30·87 inches.
1896	22·63	153	
1897	34·14	187	Average number of wet days in the 10 years, 174.
1898	26·75	161	
1899	33·10	165	
1900	31·16	192	
1901	30·64	175	1904.
1902	27·88	174	Rain in inches, 31·32.
1903	38·41	191	Number of Wet Days, 165.
1904	31·32	165	

SUMMARY OF TABLES.

TABLE I.	TABLE II.	TABLE IIIA.	TABLE IIIB.
Vital Statistics of the whole district for the year 1904 and the 10 previous years.	Shows Vital Statistics of various Wards in the City.	Cases of infectious diseases notified during the year, and of those removed to the Sanatorium.	Showing monthly returns of the number of cases of infectious diseases notified.
TABLE IV.	TABLE V.	TABLE VI.	TABLE VII.
Causes of, and ages at death, during the year 1904.	Showing the number of deaths from all causes including residents of Exeter who died at the Sanatorium and City Asylum classified under the various groups of diseases.	Showing the ages of deaths registered from all causes under each group of diseases, including residents of Exeter who died at the Sanatorium and City Asylum.	Showing ages and deaths registered from all causes, including residents of Exeter who died at the Sanatorium and City Asylum.

The Weekly Notifications during the Year are shown on Chart 1, the Weekly Mortality on Chart 2, and the Localities in which Fatal Cases have occurred are indicated on the accompanying Map of the City.

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1904 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number.	Rate *	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1,000 Births registered	Number.	Rate *					
1	2	3	4	5	6	7	8	9	10	11	12	13
1894	37,627	903	23.76	163	180	821	21.8	110	69	7	759	20.1
1895	37,647	943	24.81	138	146	714	18.9	112	49	2	667	17.7
1896	37,657	975	25.65	167	164	708	18.8	109	54	2	656	17.4
1897	37,672	906	23.84	150	165	751	19.1	115	54	2	699	18.5
1898	37,687	868	22.84	139	160	647	17.1	101	52	3	549	14.5
1899	37,702	843	22.19	153	181	772	20.4	108	45	14	741	19.6
1900	37,717	831	21.9	115	138	738	19.3	117	50	10	691	18.3
1901	47,185	1085	23.1	169	155	830	17.6	134	48	7	789	16.7
1902	47,300	1021	21.3	171	167	834	17.7	126	55	13	779	16.5
1903	47,400	1071	22.6	141	131	770	16.2	131	48	5	727	15.3
Averages for years 1894—1903.		944.6	23.19	150	158	758	18.6	116	52	6.5	705	17.4
1904	47,600	1115	23.4	186	166	828	17.4	145	55	27	800	16.8

NOTE.—The deaths included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11. By the term “Non-residents” is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and “Residents” is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere. The “Public Institutions” taken into account for the purposes of these Tables are the Royal Devon and Exeter Hospital, the City and St. Thomas Workhouses, Eye Infirmary, the Exeter Sanatorium the year 1904 also includes deaths of Residents at the City Asylum. Area of District in acres (exclusive of area covered by water), 3 168. Note.—In the above Table it must be noticed that before the Year 1900 the Population of Exeter was 37,717. Since 1900, when St. Thomas was annexed, the Population was increased to 47,185. } At Census of 1901. }
Total population at all ages, 47,185
Number of inhabited houses, 10,322
Average number of persons per house, 4.5

TABLE II.
VITAL STATISTICS OF SEPARATE LOCALITIES IN 1904.

NAMES OF LOCALITIES.	1. THE WHOLE CITY.				2. BELMONT WARD.				3. COWICK WARD.				4. EXWICK WARD.				5. HOLY TRINITY WARD.				6. ROUGEM'T WARD.				7. ST DAVID'S WARD.			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.				
1894	37627	903	759	163																								
1895	37647	943	667	138																								
1896	37657	975	656	167																								
1897	37672	906	699	150																								
1898	37687	868	549	139																								
1899	37702	843	741	153																								
1900	37717	831	691	115																								
1901	47185	1085	789	169																								
1902	47301	1021	779	171																								
1903	47400	1071	727	141																								
Averages of Years 1894 to 1903.		844	705	153																								
1904	47600	1115	800	185	3436				5814				4013				4913				5524				4610			

Note.—In the above Table it must be noticed that before the Year 1900 the population of Exeter was 37,717. Since 1900, when St. Thomas was annexed, the Population was increased to 47,185.

TABLE II.—Continued.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1904.

NAMES OF LOCALITIES.	8. ST. JAMES' WARD.				9. ST. JOHN'S WARD.				10. ST. LEONARD'S WARD.				11. ST. MATTHEW'S WARD.				12. ST. PAUL'S WARD.				13. ST. ETROCK'S WARD.				14. ST. SIDWELL'S WARD.				15. ST. THOMAS' WARD.						
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.							
1894																																			
1895																																			
1896																																			
1897																																			
1898																																			
1899																																			
1900																																			
1901																																			
1902																																			
1903																																			
Averages of Years 1894 to 1903.																																			
1904	4003			4	3867			69	27	3028		4	7	3500			119	18	3408			41	16	2899			115	3	3877		81	19	2903	47	11

Note:—
Royal Devon
and Exeter
Hospital in
this Ward.

Note:—The
City
Workhouse
is in this
Ward.

Note.— In the above Table it must be noticed that before the Year 1900 the Population of Exeter was 37,717. Since 1900, when St. Thomas was annexed, the Population was increased to 47,185

TABLE IIIA.

Cases of Infectious Disease notified during the Year, 1904.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						NO. OF CASES REMOVED TO HOSPITAL FROM WHOLE DISTRICT.						
	At all Ages	At Ages—Years.					1	2	3	4	5	6	7
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.							
Small-pox	..												
Cholera	..												
Diphtheria	..		11	23	2	1	21		3	16	1	1	
Membranous croup	..												
Erysipelas	15	1	2	1		10							
Scarlet fever	87		25	43	15	4	82		22	42	15	3	
Typhus fever	..												
Enteric fever	30		1	13	7	8	20		1	7	6	6	
Relapsing fever	..												
Continued fever	..												
Puerperal fever	3				1	2							
Plague	..												
Chicken Pox	61	9	30	21	1								
Totals	233	10	69	101	26	25	123		26	65	22	10	

Isolation Hospital—Exeter Sanatorium, situate in Whipton, within the Parish of Pinhoe, about two miles from Exeter.

Note :—Six cases of Diphtheria notified the second time. One case of Scarlet Fever notified the second time.

TABLE IIIB.

Monthly Returns of the Numbers of Notifications of Infectious Disease reported to the Medical Officer of Health during the Year 1904.

Month.	DISEASE NOTIFIED.									
	Small Pox.	Cholera.	Diphtheria.	Membr. Croup.	Erysipelas.	Scarlet Fever.	Typhoid.	Typhus.	Puerperal.	Chicken Pox.
January ...	—	—	1	—	2	16	—	—	—	—
February ...	—	—	2	—	2	16	1	—	—	—
March ...	—	—	3	—	2	16	1	—	—	6
April ...	—	—	—	—	2	10	2	—	1	—
May ...	—	—	2	—	—	6	7	—	—	2
June ...	—	—	8	—	—	4	—	—	—	8
July ...	—	—	1	—	1	2	3	—	—	21
August ...	—	—	3	—	—	5	3	—	—	12
September	—	—	8	—	—	1	5	—	1	2
October ...	—	—	4	—	2	2	2	—	—	—
November	—	—	8	—	2	5	3	—	—	4
December	—	—	3	—	2	5	3	—	1	6
Total Notifications—	—	—	43	—	15	88	30	—	3	61
Notified second time -	—	—	6	—	—	1	—	—	—	—
Actual number of cases -	—	—	37	—	15	87	30	—	8	61

TABLE IV.

Causes of, and Ages at Death during Year 1904.

Causes of Death.	Deaths in whole District at subjoined Ages.							Total Deaths whether of Residents or non "Residents" in Public Institutions in the District.						
	All ages.	Under 1.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	All ages.	Under 1.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upwards.
Small-pox ..														
Measles ..														
Scarlet fever ..	2		1	1				5		3	2			
Whooping- cough ..	25	14	11											
Diphtheria and membranous croup ..	5		4	1				4		2	2			
Croup ..														
Fever { Typhus	5			1	2	2		4				2	2	
{ Enteric														
{ Other														
{ contin'd														
Epidemic influenza ..	4					2	2							
Cholera ..														
Plague ..														
Diarrhoea ..	23	19	3			1								
Enteritis ..	15	14	1											
Puerperal fever														
Erysipelas ..	1						1							
Other septic diseases ..								1			1			
Phthisis ..	59			2	16	38	3	16		1		4	9	2
Other tubercu- lar diseases ..	26	4	6	4	5	6	1	1				1		
Cancer, malig- nant disease ..	58				1	29	28	10					8	2
Bronchitis ..	83	24	5			16	38	5						5
Pneumonia ..	48	14	9	1	2	12	10	4					1	3
Pleurisy ..	6					3	3	3					3	
Other diseases of Respiratory organs ..	4	1				2	1							
{ Alcoholism								1						1
{ Cirrhosis of liver	7				1	4	2							
Venereal diseases ..	6	1	2			3		3		1			2	
Premature birth	18	18												
Diseases and accidents of parturition ..	2				1	1								
Heart diseases	85	1	1	2	4	40	37	19				1	15	3
Accidents ..	20			2		15	3	10			2	1	7	
Suicides ..	1						1							
All other causes	352	75	15	7	9	75	170	86	31		4	3	39	37
All causes ..	855	185	58	21	41	249	301	172	3	7	11	12	86	53

By agreement with the Registrar General, $\frac{5}{7}$ of the deaths which occurred in the Royal Devon and Exeter Hospital are deducted for Non-Residents. The total deaths in that Institution were 77.

TABLE V.

Showing the Number of Deaths from all Causes, including
Residents of Exeter who died at the Sanatorium
and City Asylum.

					No. of Deaths.
I.—SPECIFIC FEBRILE, OR ZYMOTIC DISEASES—					
1.	Miasmatic Diseases	..	..	..	37
2.	Diarrhoeal	..	..	..	23
3.	Malarial	..	..	..	—
4.	Zoogenous	..	..	..	—
5.	Venereal	..	..	..	6
6.	Septic	..	..	..	1
II.—PARASITIC DISEASES					2
III.—DIETIC DISEASES					1
IV.—CONSTITUTIONAL DISEASES					160
V.—DEVELOPMENTAL DISEASES					120
VI.—LOCAL DISEASES					
1.	Diseases of Nervous System	..	..	..	90
2.	Diseases of Organs of Special Sense	..	..	..	2
3.	Diseases of Circulatory System	..	..	..	97
4.	Diseases of Respiratory System	..	..	..	153
5.	Diseases of Digestive System	..	..	..	53
6.	Diseases of Lymphatic System	..	..	..	—
7.	Diseases of Gland-like Organs of Uncertain Use	..	..	..	—
8.	Diseases of Urinary System	..	..	..	32
9.	Diseases of Reproductive System	..	..	..
	(a.) Diseases of Organs of Generation	..	..	..	3
	(b.) Diseases of Parturition	..	..	..	2
10.	Diseases of Bones and Joints	..	..	..	2
11.	Diseases of Integumentary System	..	..	..	1
VII.—VIOLENCE.					
1.	Accident or Negligence	..	..	..	20
2.	Homicide	..	..	..	—
3.	Suicide	..	..	..	1
4.	Execution	..	..	..	—
VIII.—ILL-DEFINED AND NOT SPECIFIED CAUSES					49
Total					855

TABLE VI.

Showing Ages of Deaths Registered from all Causes during the Year 1904, including Residents of Exeter who died at the Sanatorium and City Asylum.

		AGES.											Totals	55 to 60
		0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 upwards		
I.	Specific Febrile, or Zymotic Diseases	34	21	3	2	3	2	1		1			67	
II.	Parasitic Diseases ..	1				1							2	
III.	Dietic Diseases ..						1						1	
IV.	Constitutional Diseases ..	5	7	6	25	13	22	20	14	23	10	1	160	14
V.	Developmental Diseases ..	18								13	64	25	120	
VI.	Local Diseases ..	88	28	9	10	12	22	41	39	81	62	12	435	31
VII.	Deaths from Violence ..			2	4	3	1	3	1	2	2		21	3
VIII.	Deaths from Ill-Defined and not Specified Causes ..	9	2	1				1	1		3	1	49	
Totals ..		185	58	21	41	32	48	66	55	121	141	39	855	48

TABLE VII.—Continued.

III.—DIETIC DISEASES.	AGES.											Totals.	55 to 60
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 upwards		
Want of Breast Milk, Starvation ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scurvy ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic Alcoholism ..	..	..	..	..	..	1	..	..	..	..	..	1	..
Delirium Tremens ..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	1	..	..	..	..	..	1	..
IV.—CONSTITUTIONAL DISEASES.													
Rheumatic Fever, Rheumatism of the heart ..	..	..	..	..	..	1	..	..	..	..	..	1	..
Rheumatism ..	..	..	..	1	1	..	1	..	1	1	..	5	..
Gout ..	..	..	..	..	..	..	..	..	..	..	..	1	1
Rickets ..	1	1	..	..	..	..	..	..	..	..	..	2	..
Cancer, Malignant Disease ..	..	..	..	1	1	7	8	7	19	8	1	58	6
Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tubercular Meningitis, Hydrocephalus...	2	3	2	1	1	..	..	..	..	..	..	9	..
Phthisis ..	..	..	2	16	8	10	11	5	1	1	..	59	5
Other forms of Tuberculosis, Scrofula ...	2	3	2	4	1	2	..	1	1	..	..	17	1
Purpura, Hæmorrhagic Diathesis ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anæmia, Chlorosis, Leucocythæmia ..	..	..	..	..	..	1	..	..	..	..	..	1	..
Glycosuria, Diabetes Mellitus ..	..	..	..	2	1	1	..	1	1	..	..	7	1
Other Constitutional Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..
	5	7	6	25	13	22	20	14	23	10	1	160	14
V.—DEVELOPEMENTAL DISEASES.													
Premature Birth ..	18	..	..	..	..	..	..	..	..	..	..	18	..
Atelectasis ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Malformations ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Age ..	..	..	..	..	..	..	..	..	13	64	25	102	..
	18	..	..	..	..	..	..	..	13	64	25	120	..
VI.—LOCAL DISEASES.													
1.—Diseases of the Nervous System.													
Inflammation of Brain or Membranes ..	..	..	..	..	..	1	..	..	..	1	..	2	..
Apoplexy, Softening of Brain, Hemiplegia ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Brain Paralysis ..	..	..	1	..	1	2	3	4	16	9	1	41	4
Insanity, General Paralysis of the Insane ..	..	..	..	..	1	1	1	1	2	2	..	8	..
Epilepsy ..	..	..	1	..	1	1	..	..	..	..	..	3	..
Convulsions ..	21	7	..	..	1	..	..	..	..	..	..	29	..
Laryngismus Stridulus (Spasm of Glottis) ..	..	1	..	..	..	..	..	..	..	..	..	1	..
Disease of Spinal Cord, Paraplegia, Paralysis Agitans ..	1	..	..	..	..	1	2	1	..	..	..	5	..
Other Diseases of Nervous System ..	..	..	..	..	..	..	..	..	1	..	..	1	..
	22	8	2	..	4	6	6	6	18	13	1	90	4

TABLE VII—Continued.

	AGES.											Totals.	55 to 60
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 upwards		
8.— <i>Diseases of Urinary System.</i>													
Nephritis				1	1		4	1	2	1		12	2
Bright's Disease, Albuminuria				1		1		2	2	1		9	2
Disease of Bladder or of Prostate									1	1		2	
Other Diseases of the Urinary System	1					1	2		1	1		9	3
	1			2	1	2	6	3	6	4		32	7
9.— <i>Diseases of Reproductive System.</i>													
(A). Of Organs of Generation.													
Male Organs							1		1			2	
Female Organs							1					1	
							2		1			3	
(B). Of Parturition.													
Abortion, Miscarriage													
Puerperal Convulsions													
Placenta prævia. Flooding.. .. .													
Other Accidents of Child Birth					1	1						2	
					1	1						2	
10.— <i>Diseases of Bones and Joints.</i>													
Caries, Necrosis.. .. .													
Arthritis, Ostitis, Periostitis													
Other Diseases of Bones and Joints	1		1									2	
	1		1									2	
11.— <i>Diseases of Integumentary System.</i>													
Carbuncle, Phlegmon							1					1	
Other Diseases of Integumentary System													
							1					1	
VII.—DEATHS FROM VIOLENCE.													
1.— <i>Accident or Negligence.</i>													
Fractures and Contusions				3		1		1		1		7	1
Gunshot Wounds													
Cut, Stab												1	1
Burn, Scald			1							1		2	
Poison							1					2	1
Drowning				1								1	
Suffocation													
Otherwise			1		3		2		1			7	
			2	4	3	1	3	1	1	2		20	3

TABLE VII.—Continued.

				AGES.											Totals	55 to 60
				0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 upwards		
2.—Homicide.																
Manslaughter	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Murder	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3.—Suicide.																
Gunshot Wounds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cut, Stab	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poison	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hanging	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Otherwise	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..
4—Execution.											1				1	
Hanging	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII —DEATHS FROM ILL- DEFINED AND NOT SPECIFIED CAUSES.																
Dropsy	..	..	..	2	..	..	..	..	..	..	..	..	..	..	2	..
Debility, Atrophy, Inanition	..	..	..	35	1	..	..	..	..	..	..	..	..	..	36	..
Mortification	..	..	..	..	..	..	..	..	..	1	..	1	..	..	2	..
Tumour	..	..	..	..	..	1	..	..	1	..	..	..	..	..	2	..
Abscess	..	..	..	1	1	..	..	..	..	..	1	..	..	..	3	..
Hæmorrhage	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..
Sudden Death (cause not ascertained)	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..
Causes not Specified or Ill-defined	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
				39	2	1	..	..	..	1	1	1	3	1	49	..



Sanitary Inspector's Report.

GENTLEMEN,

I have again the honour of submitting for your consideration a Report on the work carried out by the Sanitary Inspectors for the year 1904. The past year has been one in which a large amount of work has been done, and which I trust will be to the benefit of the City.

The number of cases of infectious diseases notified to the Medical Officer during the past year has been less than that of previous years. A considerable amount of time has been taken up in inquiring into these cases, each of which

has been entered on a card with the result of the inquiry, so that we have a complete record of all cases. Notice of each case has also been sent to the Librarian at the Free Library, the Clerk to the Education Committee, and to the Head Master or Mistress of all Schools where children, residing in infected houses, have attended.

We have again received considerable assistance from the Clerk and Officers of the Education Committee, Masters and Mistresses of the various Schools, in the detection of cases of Infectious diseases.

PUBLIC ABATTOIR AND PRIVATE SLAUGHTER-HOUSES.

The inspection of the Slaughter-houses within the City has been carried out, at all times, so that the occupiers have never known when the premises would be inspected. During the past year we have reduced the number by two, so that we have now only eight private slaughter-houses in the City. All the slaughter-houses on the St. Thomas side of the river have been closed. In two cases the premises have been remodelled, and the whole of the existing slaughter-houses are now in a satisfactory state.

I am again pleased to say that we have had very little trouble in the supervision of these places, and that the occupiers have always been ready to comply with any requirements which have been made for the improvement of these premises.

The Public Abattoir has again maintained its efficiency under the control of Mr. Tucker. The following figures will show the number of animals slaughtered at the Public Abattoir during the year 1904.

Bullocks	...	...	...	2,327
Calves	..	...	...	1,619
Sheep	...	...	...	11,917
Pigs	...	...	...	1,799
				<hr/>
Total				... 17,662

The fees earned being £287 12s. 4d.

The value of Public Abattoirs in the detection of unsound food has been very great, no less than 14 carcasses being condemned as unfit for food; out of this number 7 were destroyed on account of being diseased with generalised tuberculosis.

DRAIN TESTING.

The whole of this work has been done by Officers of the Health Department, and no less than 243 drains have been tested with the smoke test, and 176 drains have been tested with the water test.

NEW BUILDINGS.

One hundred and twenty three houses have been erected during the past year, and 227 are in the course of erection. The inspection of new buildings has taken up the whole time of one Assistant, and I myself have spent a considerable portion of time at this work.

UNSOUND MEAT; VEGETABLES, FOOD AND DRUGS.

Considerable attention has been paid to this portion of the work, and the food supply of the City has been of the most satisfactory character. In only 2 cases was it found necessary to take legal proceedings for selling unsound food. in one case a butcher refused to allow me to inspect his premises, until I had a warrant, for which he was summoned and fined Five Pounds and expenses. This is the first time, in my eighteen years' experience as an Inspector, that I have had to obtain a warrant before entering premises.

The following Table shows the number of seizures of unsound food.

TABLE

Showing MEAT Seized as Unfit for Food.

<i>Reference Number.</i>	<i>Nature of Seizure.</i>	<i>Date.</i>
1	Carcase of a Cow, Generalised Tuberculosis	January 29th.
2	Carcase of a Heifer, Generalised Tuberculosis	March 7th.
3	Sheep, Unwholesome	March 7th.
4	Carcase of a Pig, Tuberculosis	March 24th.
5	Ditto ditto	March 30th.
6	Carcase of a Pig (Boar), Unwholesome	April 19th.
7	Carcase of an Ewe Sheep ..	May 16th.
8	Ditto Hog ditto	May 16th.
9	Liver and Lungs of Bullock, Tuberculosis	June 2nd.
10	Liver of Calf	July 14th.
11	Carcase of a Sheep, Lung Disease	August 12th.
12	Ditto Ditto .	September 3rd.
13	Ditto	September 23rd.
14	Quantity of Tripe and Inwards, 25 lbs.	September 30th.
15	Carcase of Male Calf ..	October 11th.
16	Ditto of a Sheep	November 24th.
17	Ditto of a Ram Sheep	December 30th.

During the year 129 samples were purchased and analysed, out of which 8 were returned as adulterated. Prosecutions were taken in 6 cases. The nature of the adulteration and fine imposed is set out in the table on page 54. Every precaution is taken to prevent the object of the purchase becoming known before the purchase is completed; many of the samples were taken in the course of delivery to the purchaser, or in transit to the dairyman. The average quality of the milk supplied in the City is again above the standard required by the Board of Agriculture.

BAKEHOUSES.

We have 63 Bakehouses on our Register all of which have been inspected twice during the past year; with a few exceptions all have been kept in accordance with the Acts. Five Underground Bakehouses included in the above number were certified under the Factory and Workshop Act.

DAIRIES, COWSHEDS AND MILKSHOPS.

The inspection of the Dairies, Cowsheds and Milkshops has been carried out as far as time would permit, and all have been found to be kept in a cleanly state and in accordance with the Regulations.

COMMON LODGING HOUSES.

We have only three Common Lodging Houses in the City, the supervision of which is under the control of the Police. All have been brought into compliance with the Model Bye-Laws for Common Lodging Houses, and are in good condition and well conducted. No case of infectious disease has been reported during the past year.

FACTORIES AND WORKSHOPS.

The inspection of Factories and Workshops has been carried out as far as possible, and during the past year 618 visits have been paid to the various Factories and Workshops, while 123 visits have been made in the inspection of premises where home work is done. The chief items of improvements have been in the matter of cleanliness and overcrowding.

HOUSING OF THE WORKING CLASSES.

During the past year a considerable amount of work has been done in clearing out and improving obstructive and dilapidated buildings. The whole of the premises at the rear of Nos. 47, 48 and 49, Coombe Street, which was mentioned in my Report of last year, have been demolished, and an open space provided at the rear of the front houses.

The premises No. 57, Preston Street, have been closed for habitation under a Magistrates Order, and Notices have been served on the Owners of No. 17, Preston Street, and 1 and 2, Rack Street, to put the premises in proper repair. The Owners are now contemplating re-building the whole of this property, and if this is done one of the worst blocks of property in the City will be removed.

Nos. 21. 22, 23 and 24, Quay Lane, and Nos. 1 and 2, Horse Lane, have been put in thorough repair, and are now decent Sanitary Dwellings.

The Council's scheme for providing Workmen's Dwellings has received the sanction of the Local Government Board, and the work of erecting these houses will, I trust, be commenced during the present year.

The amount of office work still continues to increase, and the keeping of the necessary books and record of work takes up more time every year.

I have the honour to be, Gentlemen,

Yours obediently,

W. J. WREFORD.

REPORT

OF THE

SANITARY WORK COMPLETED IN THE YEAR 1904.

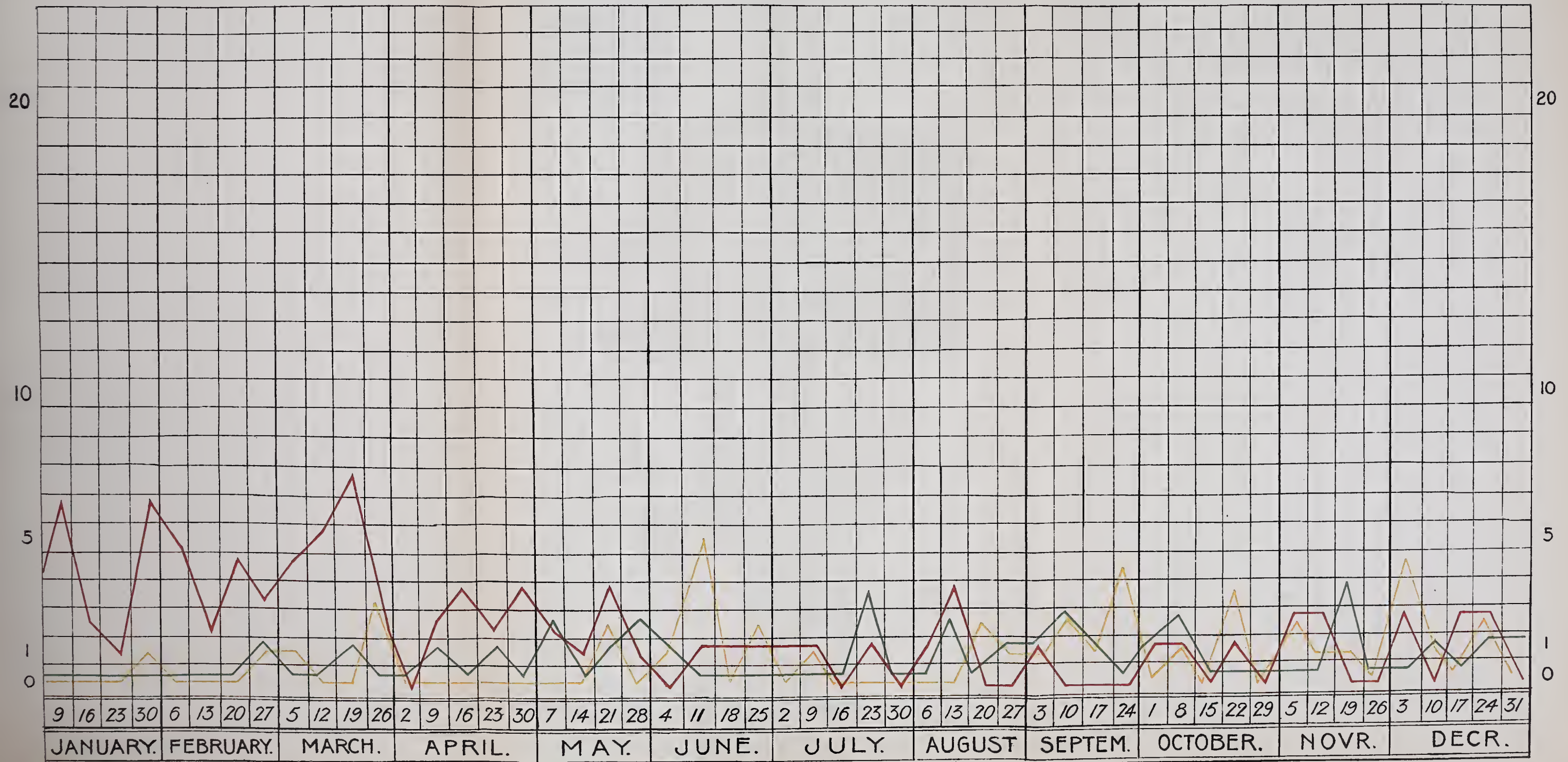
Complaints received during the Year	...	...	347
Houses, Rooms, and Works Inspected	...	..	6260
Re-Inspection of Houses and Rooms	...	...	2160
Notices served for Sanitary Amendments of Houses and Premises	...	...	410
Houses, Premises, &c., Cleaned, Repaired, and Limewashed			112
Passages Cleansed and Limewashed	...	...	16
Drains Repaired, Trapped and Ventilated		...	24
Drains Relaid with Socketted Pipes, properly Trapped and Ventilated	...	...	63
Drains Tested with Smoke Machine	...	...	243
Drains Tested with Water Test	...	...	176
Water Closets Repaired	...	...	86
Flushing of Water Closets Improved	...	...	81
New Urinals to Licensed Premises	...	...	3

New Water Closets provided ...	...	...	16
Windows provided to Water Closets ...	...	...	35
Removal of Accumulation of Dung, Stagnant Water, Animals and Refuse ...	...	...	50
Dung Pits Re-modelled ...	...	...	3
Court Yards and Floors Repaired and Re-paved in Cement Concrete ...	...	...	66
Soil Pipes Ventilated ...	...	...	19
Defective Bell and D Traps replaced by Stoneware Gullies ...	...	...	64
Waste Pipes discharged into Stoneware Gullies and Trapped			59
Slaughter Houses Cleansed and Limewashed twice ...			9
Slaughter Houses Re-constructed ...	...	...	1
Slaughter Houses Abolished ...	...	...	1
Notices for Abatement of Overcrowding ...		...	7
Visits to Slaughter Houses ...	...	...	312
Bakehouses Limewashed twice ...	...	...	63
Visits to Bakehouses ...	...	...	126
Notices under the Working Classes Act		...	13
Notices served for Drains to be opened up		...	1

Notices served for Defective Rain-water Pipes	...	35
Notices served for Proper Supply of Water for		
Domestic Use ...	...	6
Notices requiring Water Closets to be Cleansed	...	190
Drains Unchoked ...	...	59
Gipsy Van Removed	...	1
Well closed	...	1
Rooms Disinfected after illness of an Infectious		
character ...	...	200
Articles of Clothing Disinfected	...	6131
Samples taken for Analysis	...	129
Inspection of Cowsheds	...	3
Inspection of Dairies and Milkshops	...	119
Visits to Schools to see that no Scholars from		
Infected Houses were attending	...	340
Notices of Infectious Sickness to Managers of Schools,		
existing in houses from which Scholars were		
attending	...	159
Notices to School Board	...	94
Notices to Librarian of Exeter Free Library	...	223

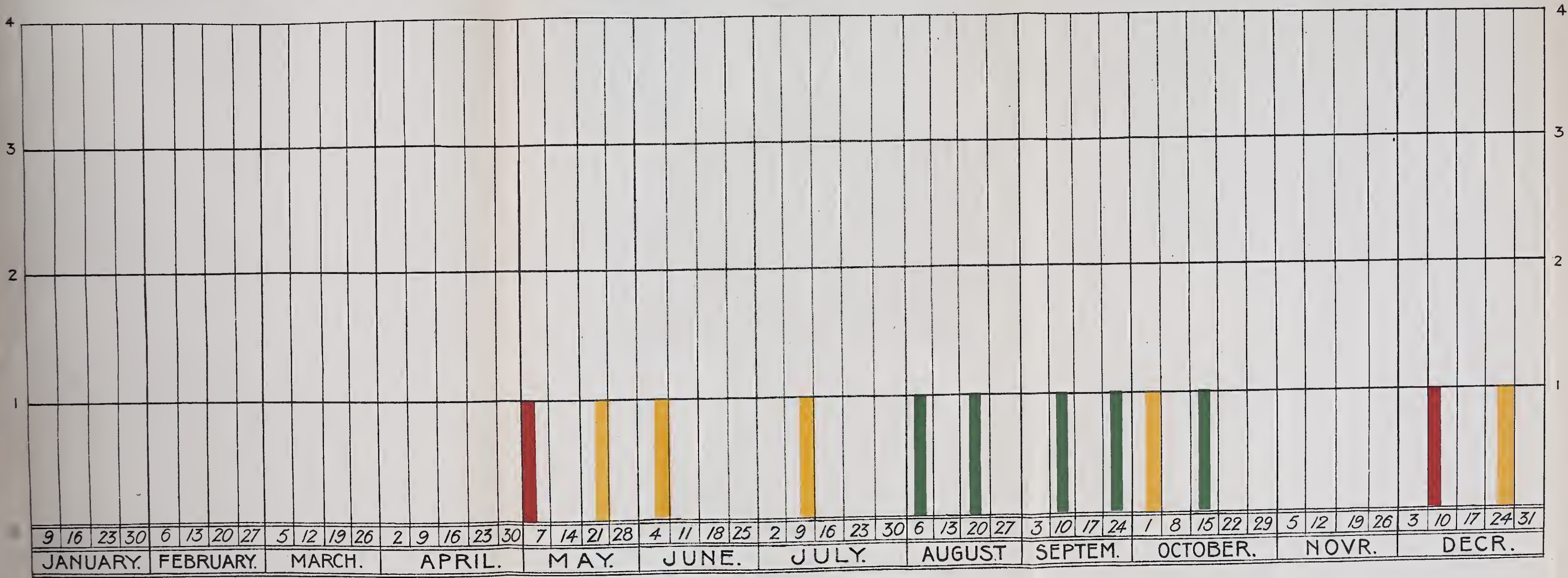
Orders for Destruction of Unsound Meat	...	16
Carcases Destroyed as Unfit for Food	...	14
Meat Destroyed (in lots)	...	3
Factory and Workshops Act :—		
Inspection of Workshops	...	566
Inspection of Factories	...	52
Inspection of Homeworkers' Premises	...	123
Inspection of Workplaces	...	6
Notices to Limewash	...	14
Water Closets Repaired	...	1
Water Closets Re-constructed	...	1
Notices to provide additional Water Closets	...	8
Notices to Abate Overcrowding	...	7
Notices Requiring List of Outworkers to be sent in	...	88
Cases of Infectious Disease Notified in Home- workers' Premises	...	3
Allowing Wearing Apparel to be in Premises Infected by Scarlet Fever (cases removed)		3
Notices sent to Employers of Infectious Disease at Homes of Employees	...	11

CHART 1 SHEWING WEEKLY NOTIFICATIONS OF SCARLET FEVER, DIPHTHERIA AND TYPHOID FEVER.



SCARLET FEVER.
 DIPHTHERIA
 TYPHOID FEVER.

CHART 2 SHEWING WEEKLY MORTALITY FROM SCARLET FEVER, DIPHTHERIA AND TYPHOID FEVER.



SCARLET FEVER. DIPHTHERIA TYPHOID FEVER.

CITY & COUNTY OF THE CITY OF EXETER.

SHOWING LOCALITIES WHERE FATAL CASES
HAVE OCCURRED FROM PRINCIPAL ZYMOTIC
DISEASES DURING 1904.

- Scarlet Fever —
- Diphtheria ▲
- Typhoid Fever ✕



SCALE.

0 1/4 1/2 3/4 1 mile

City Surveyor's Office.
18, Bedford Circus,
Exeter.

ations,